WE CLAIM:

1. A method of determining a connection between
a data emitting device j having address IP(j) and a data
receiving device i having address IP(i) via a routing
device, wherein the routing device utilizes a management
information database MIB, establishing a mask field in the
MIB for all devices in a subnet which passes data through
the routing device having a property

(IP(i) AND MASK)=(IP(j) AND MASK),

and indicating connection of a device i to a device j for
devices in which the property is true.